

NOV 14 2007

Application No. 10/771,803
Amendment dated
Reply to Office Action of June 14, 2007

Docket No.: 023189.0101PTUS

AMENDMENT TO THE ABSTRACT

Please substitute the following paragraph for the abstract now appearing in the currently filed specification:

A method and apparatus is described for supporting the respiration of a patient. The spontaneous respiration of a patient can be detected by sensors and during inhalation an additional amount of oxygen can be administered to the lungs via a jet gas current. If required, during exhalation a countercurrent can be administered to avoid collapse of the respiration paths. This therapy can be realized by an apparatus including a transtracheal catheter, an oxygen pump connected to an oxygen source, spontaneous respiration sensor(s) connected to a control unit for activating the oxygen pump and, if needed, a tracheal prosthesis. The tracheal prosthesis may include a connection for the catheter and the breath sensor(s). The tracheal prosthesis, if used, and the catheter can be dimensioned so the patient can freely breathe, cough, swallow and speak without restriction, and the system can be wearable to promote mobility.